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	*			$\gamma \sim / \sim / \sim$	
(Di	scussion of mater	DOS S	ographic Film 36 REV DATE COMP 033 OPI CLASS M PAGES	56 TYPE 30	1
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FILM S	TRIP NO. 1				STAT
from the these was time axis for with is a list It would in produce.	Single receiver ceam fed from receive. The output. The aveforms with reflect the result that the greater than a seem that gain a seem that gai	eiver audio out e film enables erence to measu n is a little h the depth of t those on the e adjustments wil menable to accu	acomparison be rements along igh on the auhe waveform envelope IF wall be a criticate measuren	etween the dio wave excursions veform. al factor eents.Note	STAT
मा अगाज	RIP NO. 2				STAT
but carreto the reption. (beam) are letters by grour are easi with latereflection radio on radio on radio on radio on radio peak) are axis. One might be firmatic	This represents to the same processing the same processing point of the other recent the other recent the other recent the other recent the wave, the wave of the wave of the same point of the same point to the same point to the the to variation of in the other that the other than the other	uned to iver to is reception of e forms are almost ight difference reception of diveforms beging es. the top portion of each wants represents on the top portion of each wants represents on the delay varies in statement at this statement and the statement of the	tions are cl to allow grou on 1.2 on 1.43 fairly close ost exactly as however). The stant station to be distort of each wave aveform and delay which	ose enough and wave rec- 3 MC(Top Mc.(Call stations like(ther e his contrast and take) form in blue the distance elay is prob- s. to similar e time is variation times. Con-	STAT STAT STAT
FILM STF	RIP NO. 3				STAT
by layer air dist by refle the clos mon poin	ese stations are reflection. cances) Note that ection from the ise similarity seemts on the waveforceal degree of ac	with this gre onosphere the want on the films rm could become	ater distance aveforms begitrip above(no	e and recept- n to lose 0.2) and com-	STAT

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(Cont*d)

Once again the peak to similar peak distances along the film do not remain constant.

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FILM STRIP NO. 4

STAT

This shot is taken from the receivers IF output. Reception is probably by ionosphere reflection approx airline.)

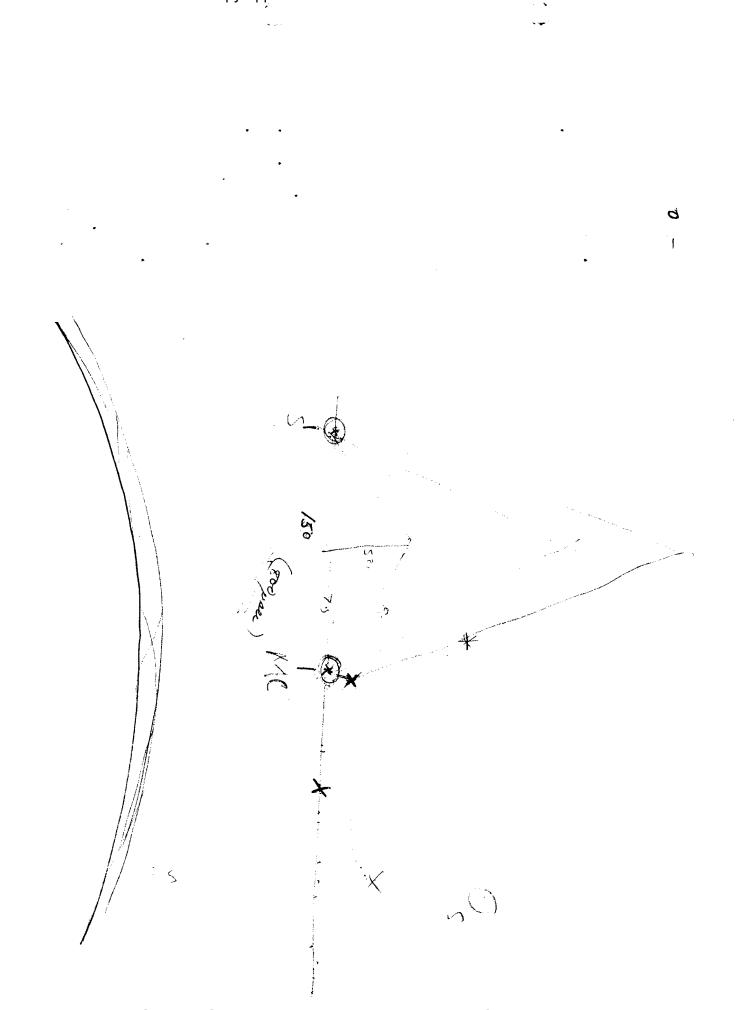
STAT STAT

Waveform similarity is quite good here and it would seem that the IF waveform is easier to interpret for similar points on the waveform. However the audio waveform may be more effective for accurate measurements.

FILM STRIP NO. 5				
Reception here is by layer reflection. These audio waveforms apparently afford no similar points along their length, thought both stations are carrying exactly the same program. The bottom waveform changes radically also in amplitude during the time interval photographed increas-				
is probably a fade in du	e the amplitude in the middle of the film strip. This e to transmission path phenomena. This is the station amplitude remains fairly constant.			

STAT

STAT STAT



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